

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4B-740-U-MR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N98  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

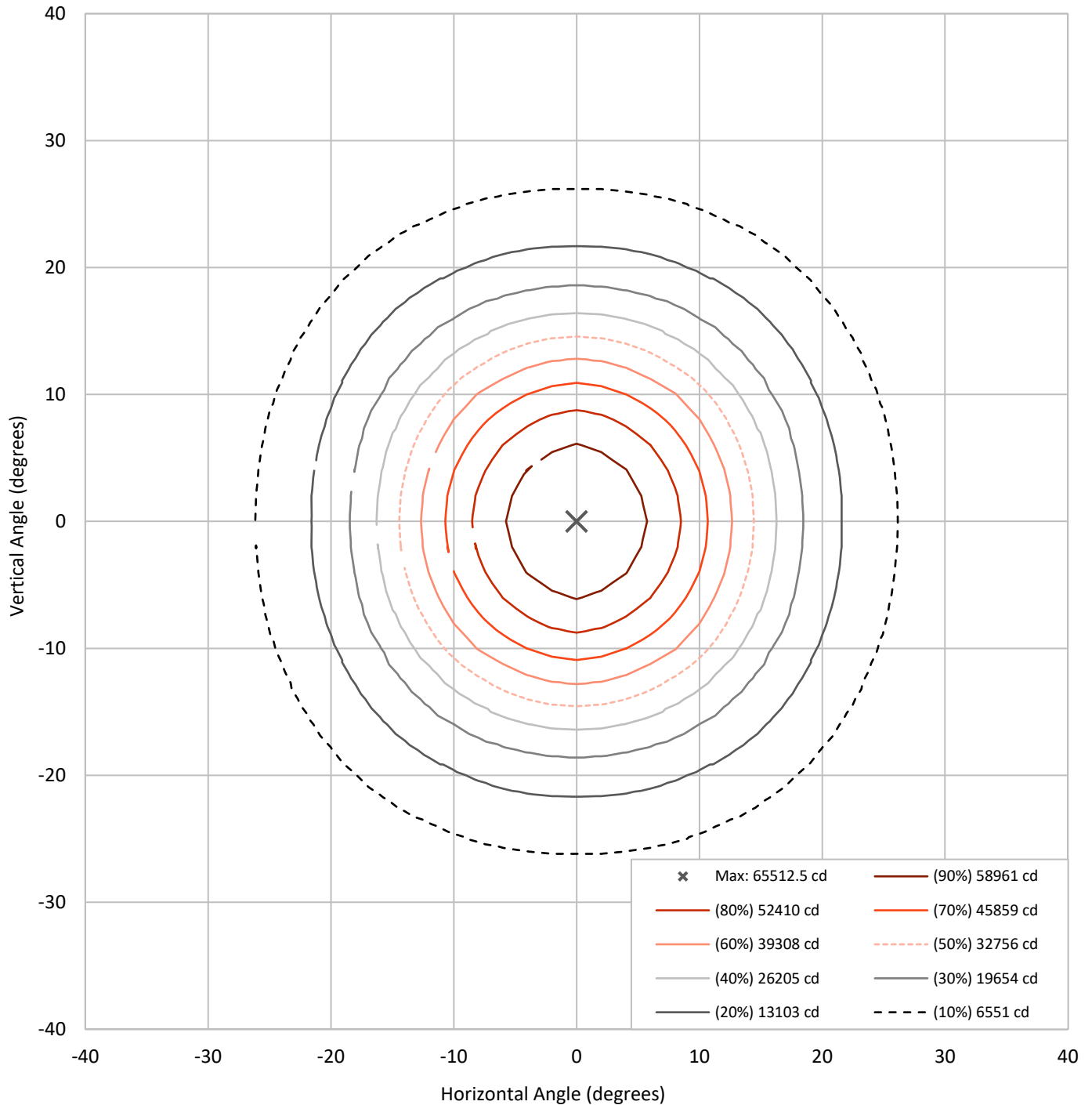
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	20468.4 lumens	Max Intensity:	65512.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	9951.4 lumens	Field Lumens:	16794 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

### Iso-Candela Plot





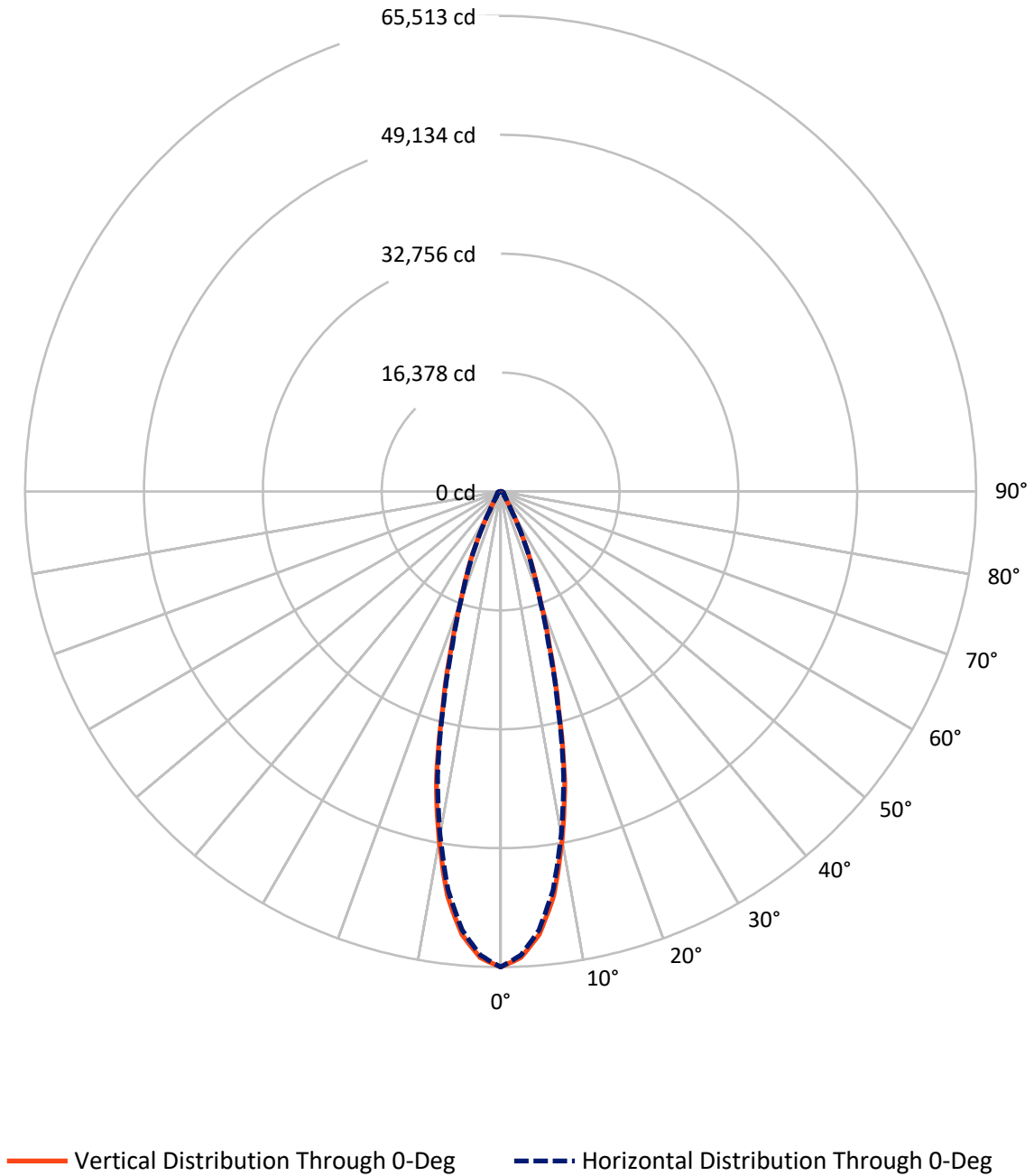
REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

### Lumen Table

90	0.4		3.4		8.9		14.0		15.6		14.0		8.9		3.4		0.4		
80	0.4		3.4		8.9		14.0		15.6		14.0		8.9		3.4		0.4		
70	1.5	1.8	3.5	5.8	8.1	9.9	11.1	11.6	11.6	11.1	9.9	8.1	5.8	3.5	1.8	1.5			
60		2.6	5.3	8.5	11.4	14.1	15.8	16.4	16.4	15.8	14.1	11.4	8.5	5.3	2.6				
50	2.7	3.4	6.8	10.5	14.0	17.7	20.8	22.4	22.4	20.8	17.7	14.0	10.5	6.8	3.4	2.7			
40		4.0	8.0	12.2	17.2	24.5	35.5	46.1	46.1	35.5	24.5	17.2	12.2	8.0	4.0				
30	3.5	4.4	8.7	13.7	22.0	47.9	134.7	238.9	238.9	134.7	47.9	22.0	13.7	8.7	4.4	3.5			
20		4.8	9.1	14.9	30.0	125.6	447.7	858.0	858.0	447.7	125.6	30.0	14.9	9.1	4.8				
10	3.7	4.9	9.3	15.7	38.1	216.8	828.7	1630.1	1630.1	828.7	216.8	38.1	15.7	9.3	4.9	3.7			
0		4.9	9.3	15.7	38.1	216.8	828.7	1630.1	1630.1	828.7	216.8	38.1	15.7	9.3	4.9				
-10	3.5	4.8	9.1	14.9	30.0	125.6	447.7	858.0	858.0	447.7	125.6	30.0	14.9	9.1	4.8	3.5			
-20		4.4	8.7	13.7	22.0	47.9	134.7	238.9	238.9	134.7	47.9	22.0	13.7	8.7	4.4				
-30	2.7	4.0	8.0	12.2	17.2	24.5	35.5	46.1	46.1	35.5	24.5	17.2	12.2	8.0	4.0	2.7			
-40		3.4	6.8	10.5	14.0	17.7	20.8	22.4	22.4	20.8	17.7	14.0	10.5	6.8	3.4				
-50	1.5	2.6	5.3	8.5	11.4	14.1	15.8	16.4	16.4	15.8	14.1	11.4	8.5	5.3	2.6	1.5			
-60		1.8	3.5	5.8	8.1	9.9	11.1	11.6	11.6	11.1	9.9	8.1	5.8	3.5	1.8				
-70	0.4	3.4		8.9		14.0		15.6		14.0		8.9		3.4		0.4			
-80		3.4		8.9		14.0		15.6		14.0		8.9		3.4					
-90	0.4		3.4		8.9		14.0		15.6		14.0		8.9		3.4		0.4		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

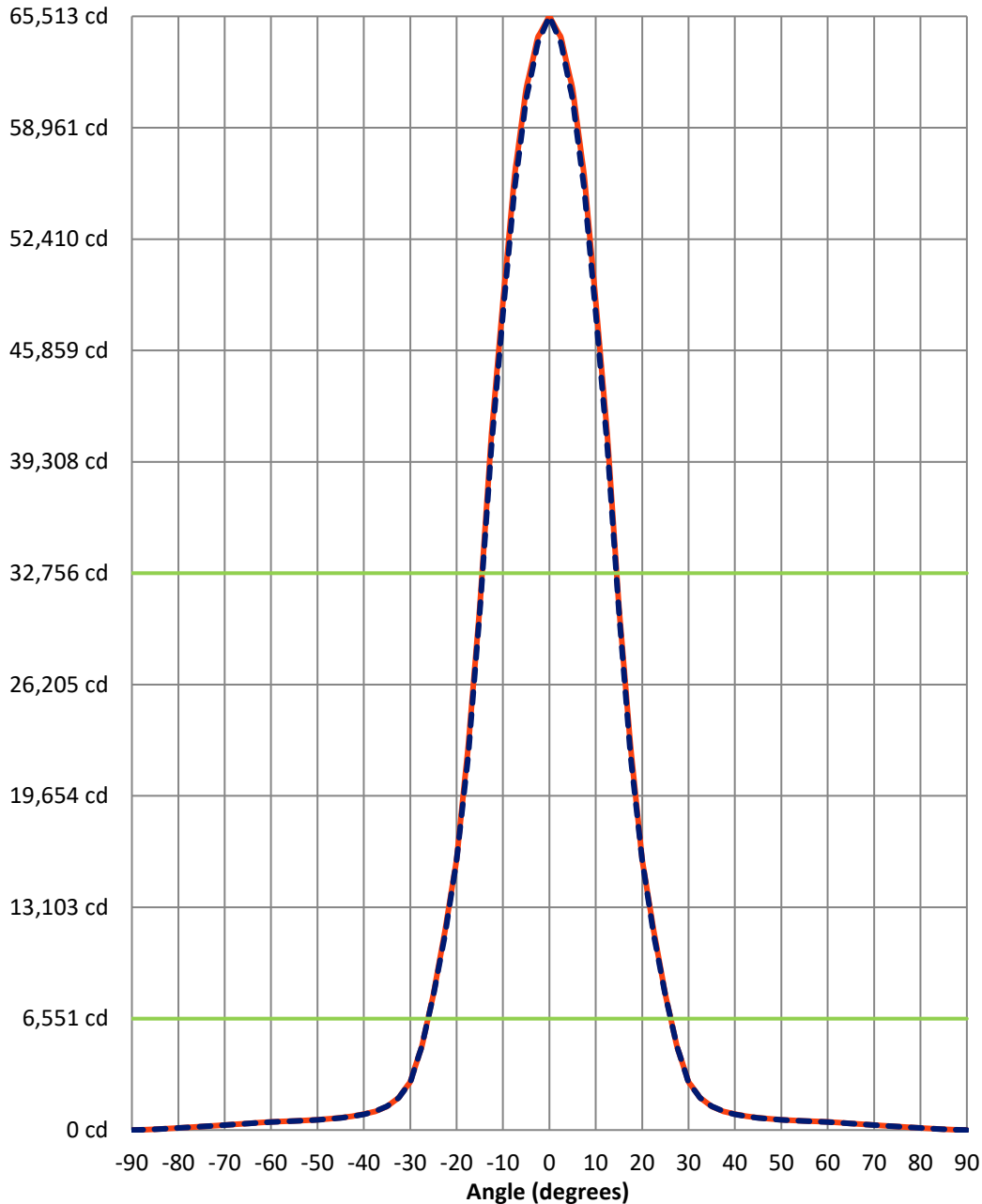
REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 9951.4  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 16794  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 3674.4  
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
85°	0.0	1.5	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
82.5°	0.0	2.2	4.4	6.6	8.7	10.9	13.0	15.1	17.5	21.5	25.7
80°	0.0	2.9	5.8	8.7	11.6	14.5	17.7	22.8	28.2	33.8	39.7
77.5°	0.0	3.6	7.3	10.9	14.5	19.0	25.2	31.8	38.7	46.0	54.0
75°	0.0	4.3	8.7	13.0	17.7	25.2	32.6	40.6	49.3	59.5	69.5
72.5°	0.0	5.1	10.1	15.1	22.6	31.3	40.0	49.9	61.7	73.4	84.9
70°	0.0	5.7	11.5	17.5	27.5	37.4	47.5	60.6	73.9	87.1	101.4
67.5°	0.0	6.4	12.8	21.1	32.3	43.4	56.6	71.1	86.0	102.1	118.0
65°	0.0	7.1	14.2	24.6	37.0	50.1	65.6	81.5	99.1	116.9	134.8
62.5°	0.0	7.8	15.5	28.1	41.6	57.4	74.5	92.5	112.0	131.5	152.0
60°	0.0	8.4	16.8	31.5	46.1	64.6	83.1	103.5	124.7	146.3	168.7
57.5°	0.0	9.0	19.0	34.8	51.6	71.7	92.2	114.3	137.2	160.7	185.2
55°	0.0	9.6	21.1	38.0	57.1	78.5	101.1	124.8	149.3	174.7	201.5
52.5°	0.0	10.2	23.2	41.1	62.4	85.2	109.7	135.0	160.9	188.9	217.3
50°	0.0	10.8	25.2	44.1	67.6	92.0	117.9	144.8	172.4	202.6	231.8
47.5°	0.0	11.3	27.1	47.2	72.6	98.5	125.8	154.3	184.1	215.9	245.6
45°	0.0	11.9	29.0	50.8	77.3	104.7	133.6	163.4	195.5	227.5	258.6
42.5°	0.0	12.4	30.8	54.2	81.9	110.6	141.0	172.5	206.3	238.5	270.7
40°	0.0	12.9	32.5	57.4	86.3	116.2	148.1	181.4	216.1	248.8	282.0
37.5°	0.0	13.3	34.1	60.4	90.5	121.4	154.9	189.7	224.9	258.7	292.8
35°	0.0	13.8	35.6	63.2	94.5	126.5	161.2	197.4	233.1	268.1	302.9
32.5°	0.0	14.2	37.0	65.8	98.1	131.5	167.2	204.5	240.9	276.8	312.6
30°	0.0	14.5	38.4	68.2	101.5	136.1	172.9	211.0	248.0	285.0	321.7
27.5°	0.0	14.9	39.6	70.4	104.6	140.3	178.1	216.7	254.6	292.5	330.1
25°	0.0	15.2	40.8	72.3	107.4	144.2	182.8	222.0	260.6	299.3	337.8
22.5°	0.0	15.5	41.8	74.1	110.1	147.7	187.0	226.7	266.1	305.4	345.4
20°	0.0	15.8	42.7	75.6	112.5	150.8	190.7	230.8	270.9	310.8	352.3
17.5°	0.0	16.0	43.6	76.8	114.6	153.4	194.1	234.4	275.0	315.6	358.2
15°	0.0	16.2	44.3	77.9	116.5	155.5	197.1	237.8	278.6	319.6	363.3
12.5°	0.0	16.4	44.9	78.8	118.1	157.3	199.8	240.9	281.9	322.9	367.4
10°	0.0	16.5	45.4	79.4	119.5	158.6	202.0	243.5	284.9	326.8	371.3
7.5°	0.0	16.7	45.8	79.8	120.6	159.5	203.8	245.5	287.2	330.3	375.5
5°	0.0	16.7	46.1	80.1	121.4	160.0	205.0	246.9	288.9	333.1	378.9
2.5°	0.0	16.8	46.2	80.1	121.8	160.1	205.8	247.8	289.9	335.1	381.3
0°	0.0	16.8	46.3	79.9	122.0	159.8	206.1	248.1	290.2	336.4	382.7
-2.5°	0.0	16.8	46.2	80.1	121.8	160.1	205.8	247.8	289.9	335.1	381.3
-5°	0.0	16.7	46.1	80.1	121.4	160.0	205.0	246.9	288.9	333.1	378.9
-7.5°	0.0	16.7	45.8	79.8	120.6	159.5	203.8	245.5	287.2	330.3	375.5
-10°	0.0	16.5	45.4	79.4	119.5	158.6	202.0	243.5	284.9	326.8	371.3
-12.5°	0.0	16.4	44.9	78.8	118.1	157.3	199.8	240.9	281.9	322.9	367.4
-15°	0.0	16.2	44.3	77.9	116.5	155.5	197.1	237.8	278.6	319.6	363.3
-17.5°	0.0	16.0	43.6	76.8	114.6	153.4	194.1	234.4	275.0	315.6	358.2
-20°	0.0	15.8	42.7	75.6	112.5	150.8	190.7	230.8	270.9	310.8	352.3

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.5	41.8	74.1	110.1	147.7	187.0	226.7	266.1	305.4	345.4
-25°	0.0	15.2	40.8	72.3	107.4	144.2	182.8	222.0	260.6	299.3	337.8
-27.5°	0.0	14.9	39.6	70.4	104.6	140.3	178.1	216.7	254.6	292.5	330.1
-30°	0.0	14.5	38.4	68.2	101.5	136.1	172.9	211.0	248.0	285.0	321.7
-32.5°	0.0	14.2	37.0	65.8	98.1	131.5	167.2	204.5	240.9	276.8	312.6
-35°	0.0	13.8	35.6	63.2	94.5	126.5	161.2	197.4	233.1	268.1	302.9
-37.5°	0.0	13.3	34.1	60.4	90.5	121.4	154.9	189.7	224.9	258.7	292.8
-40°	0.0	12.9	32.5	57.4	86.3	116.2	148.1	181.4	216.1	248.8	282.0
-42.5°	0.0	12.4	30.8	54.2	81.9	110.6	141.0	172.5	206.3	238.5	270.7
-45°	0.0	11.9	29.0	50.8	77.3	104.7	133.6	163.4	195.5	227.5	258.6
-47.5°	0.0	11.3	27.1	47.2	72.6	98.5	125.8	154.3	184.1	215.9	245.6
-50°	0.0	10.8	25.2	44.1	67.6	92.0	117.9	144.8	172.4	202.6	231.8
-52.5°	0.0	10.2	23.2	41.1	62.4	85.2	109.7	135.0	160.9	188.9	217.3
-55°	0.0	9.6	21.1	38.0	57.1	78.5	101.1	124.8	149.3	174.7	201.5
-57.5°	0.0	9.0	19.0	34.8	51.6	71.7	92.2	114.3	137.2	160.7	185.2
-60°	0.0	8.4	16.8	31.5	46.1	64.6	83.1	103.5	124.7	146.3	168.7
-62.5°	0.0	7.8	15.5	28.1	41.6	57.4	74.5	92.5	112.0	131.5	152.0
-65°	0.0	7.1	14.2	24.6	37.0	50.1	65.6	81.5	99.1	116.9	134.8
-67.5°	0.0	6.4	12.8	21.1	32.3	43.4	56.6	71.1	86.0	102.1	118.0
-70°	0.0	5.7	11.5	17.5	27.5	37.4	47.5	60.6	73.9	87.1	101.4
-72.5°	0.0	5.1	10.1	15.1	22.6	31.3	40.0	49.9	61.7	73.4	84.9
-75°	0.0	4.3	8.7	13.0	17.7	25.2	32.6	40.6	49.3	59.5	69.5
-77.5°	0.0	3.6	7.3	10.9	14.5	19.0	25.2	31.8	38.7	46.0	54.0
-80°	0.0	2.9	5.8	8.7	11.6	14.5	17.7	22.8	28.2	33.8	39.7
-82.5°	0.0	2.2	4.4	6.6	8.7	10.9	13.0	15.1	17.5	21.5	25.7
-85°	0.0	1.5	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
-87.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
85°	15.5	16.8	19.3	21.7	24.1	26.4	28.6	30.7	32.8	34.7	36.5
82.5°	29.7	33.5	37.3	41.0	44.5	48.0	51.3	54.5	57.5	60.4	63.2
80°	45.1	50.2	55.4	60.2	64.9	69.4	73.8	78.1	82.2	86.5	91.1
77.5°	61.4	67.9	73.9	79.4	85.3	92.5	99.4	106.1	112.4	118.5	124.3
75°	78.1	85.6	93.8	102.0	110.5	119.1	127.4	135.5	143.3	151.3	159.3
72.5°	95.8	106.0	115.9	125.6	136.2	146.7	156.2	165.0	174.9	185.8	195.7
70°	114.6	126.4	138.8	151.2	163.2	174.8	186.7	198.7	210.8	222.5	233.7
67.5°	133.4	148.2	162.6	176.6	190.3	204.3	218.4	232.8	246.7	260.0	272.9
65°	153.4	169.9	186.1	201.8	217.1	234.1	250.7	266.8	284.5	300.8	315.0
62.5°	172.9	191.4	209.3	227.1	245.6	264.4	283.7	304.0	325.0	340.1	353.1
60°	191.7	212.6	232.4	252.8	273.5	294.7	317.0	338.6	357.7	374.3	388.0
57.5°	210.0	233.4	255.4	277.5	300.1	324.3	348.8	370.9	388.7	404.6	419.6
55°	227.8	253.6	277.1	300.6	326.3	354.7	379.7	399.6	417.9	431.1	445.5
52.5°	244.7	272.3	296.9	323.3	352.7	382.0	407.0	426.3	441.7	455.3	469.3
50°	260.8	288.7	315.9	345.9	376.9	406.4	431.7	449.5	464.9	479.1	492.5
47.5°	275.5	304.4	335.1	367.2	399.7	428.8	453.0	471.2	487.1	501.7	516.5
45°	289.3	320.4	353.0	388.2	421.5	450.3	472.3	491.8	507.1	523.5	542.2
42.5°	302.5	335.7	371.2	408.6	442.6	469.0	490.3	508.9	526.7	546.4	567.2
40°	315.4	350.0	388.4	427.8	462.4	485.3	506.6	526.4	546.8	569.2	591.8
37.5°	327.5	364.7	404.6	445.6	476.9	500.7	522.7	544.8	567.7	591.8	619.9
35°	338.6	378.2	420.0	459.7	489.7	515.6	539.3	563.3	588.9	618.3	649.3
32.5°	349.5	390.5	434.3	471.6	501.4	529.1	555.2	582.3	611.7	644.1	679.5
30°	360.1	402.5	446.9	483.7	511.8	540.2	570.8	600.9	633.6	669.6	711.2
27.5°	370.4	413.6	457.4	493.2	521.0	549.8	582.7	619.3	655.0	694.4	742.6
25°	379.9	425.1	467.8	500.7	528.9	559.1	593.4	632.4	674.3	721.2	780.3
22.5°	388.8	435.4	477.6	507.1	535.5	567.1	604.1	645.3	690.9	745.2	817.4
20°	397.2	443.5	484.2	513.0	540.9	573.6	613.3	656.7	708.8	774.6	860.9
17.5°	404.5	450.3	488.7	517.9	546.6	580.2	621.2	666.3	724.9	800.5	902.7
15°	410.7	455.9	492.6	521.6	551.4	587.1	629.2	678.4	742.6	825.9	938.8
12.5°	415.9	460.2	495.8	524.3	555.2	592.1	636.1	690.1	760.3	853.7	987.5
10°	419.9	463.4	498.4	526.0	557.8	595.5	641.4	699.2	774.5	876.8	1029.1
7.5°	423.9	466.2	500.2	526.7	559.4	597.1	645.2	705.7	785.0	894.2	1062.4
5°	426.7	468.9	501.3	528.3	560.3	597.9	647.7	709.4	791.6	905.7	1085.9
2.5°	428.4	470.5	501.3	529.5	560.4	598.2	650.7	711.5	798.8	915.3	1099.2
0°	428.9	471.0	500.4	529.9	559.3	597.1	651.8	710.7	803.2	920.9	1101.8
-2.5°	428.4	470.5	501.3	529.5	560.4	598.2	650.7	711.5	798.8	915.3	1099.2
-5°	426.7	468.9	501.3	528.3	560.3	597.9	647.7	709.4	791.6	905.7	1085.9
-7.5°	423.9	466.2	500.2	526.7	559.4	597.1	645.2	705.7	785.0	894.2	1062.4
-10°	419.9	463.4	498.4	526.0	557.8	595.5	641.4	699.2	774.5	876.8	1029.1
-12.5°	415.9	460.2	495.8	524.3	555.2	592.1	636.1	690.1	760.3	853.7	987.5
-15°	410.7	455.9	492.6	521.6	551.4	587.1	629.2	678.4	742.6	825.9	938.8
-17.5°	404.5	450.3	488.7	517.9	546.6	580.2	621.2	666.3	724.9	800.5	902.7
-20°	397.2	443.5	484.2	513.0	540.9	573.6	613.3	656.7	708.8	774.6	860.9

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	388.8	435.4	477.6	507.1	535.5	567.1	604.1	645.3	690.9	745.2	817.4
-25°	379.9	425.1	467.8	500.7	528.9	559.1	593.4	632.4	674.3	721.2	780.3
-27.5°	370.4	413.6	457.4	493.2	521.0	549.8	582.7	619.3	655.0	694.4	742.6
-30°	360.1	402.5	446.9	483.7	511.8	540.2	570.8	600.9	633.6	669.6	711.2
-32.5°	349.5	390.5	434.3	471.6	501.4	529.1	555.2	582.3	611.7	644.1	679.5
-35°	338.6	378.2	420.0	459.7	489.7	515.6	539.3	563.3	588.9	618.3	649.3
-37.5°	327.5	364.7	404.6	445.6	476.9	500.7	522.7	544.8	567.7	591.8	619.9
-40°	315.4	350.0	388.4	427.8	462.4	485.3	506.6	526.4	546.8	569.2	591.8
-42.5°	302.5	335.7	371.2	408.6	442.6	469.0	490.3	508.9	526.7	546.4	567.2
-45°	289.3	320.4	353.0	388.2	421.5	450.3	472.3	491.8	507.1	523.5	542.2
-47.5°	275.5	304.4	335.1	367.2	399.7	428.8	453.0	471.2	487.1	501.7	516.5
-50°	260.8	288.7	315.9	345.9	376.9	406.4	431.7	449.5	464.9	479.1	492.5
-52.5°	244.7	272.3	296.9	323.3	352.7	382.0	407.0	426.3	441.7	455.3	469.3
-55°	227.8	253.6	277.1	300.6	326.3	354.7	379.7	399.6	417.9	431.1	445.5
-57.5°	210.0	233.4	255.4	277.5	300.1	324.3	348.8	370.9	388.7	404.6	419.6
-60°	191.7	212.6	232.4	252.8	273.5	294.7	317.0	338.6	357.7	374.3	388.0
-62.5°	172.9	191.4	209.3	227.1	245.6	264.4	283.7	304.0	325.0	340.1	353.1
-65°	153.4	169.9	186.1	201.8	217.1	234.1	250.7	266.8	284.5	300.8	315.0
-67.5°	133.4	148.2	162.6	176.6	190.3	204.3	218.4	232.8	246.7	260.0	272.9
-70°	114.6	126.4	138.8	151.2	163.2	174.8	186.7	198.7	210.8	222.5	233.7
-72.5°	95.8	106.0	115.9	125.6	136.2	146.7	156.2	165.0	174.9	185.8	195.7
-75°	78.1	85.6	93.8	102.0	110.5	119.1	127.4	135.5	143.3	151.3	159.3
-77.5°	61.4	67.9	73.9	79.4	85.3	92.5	99.4	106.1	112.4	118.5	124.3
-80°	45.1	50.2	55.4	60.2	64.9	69.4	73.8	78.1	82.2	86.5	91.1
-82.5°	29.7	33.5	37.3	41.0	44.5	48.0	51.3	54.5	57.5	60.4	63.2
-85°	15.5	16.8	19.3	21.7	24.1	26.4	28.6	30.7	32.8	34.7	36.5
-87.5°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	16.4	16.5
85°	38.3	39.9	41.5	42.9	44.2	44.5	44.6	44.5	44.3	44.9	45.4
82.5°	65.8	68.7	71.7	74.7	77.6	78.6	79.4	79.9	80.3	81.4	82.4
80°	95.5	100.2	104.5	108.4	111.8	114.3	116.5	118.5	120.4	121.3	121.7
77.5°	130.1	135.8	141.0	145.9	150.5	154.0	156.9	159.3	161.1	162.2	163.0
75°	167.2	174.4	180.8	186.7	192.1	196.0	198.6	200.6	201.9	203.3	204.4
72.5°	204.8	213.0	220.6	227.7	233.9	238.3	241.4	243.9	245.7	247.1	247.8
70°	244.3	254.0	262.4	269.5	275.1	279.4	282.7	285.4	287.4	288.8	289.6
67.5°	285.2	295.6	303.4	309.7	314.8	319.2	323.3	326.4	328.4	330.4	332.5
65°	326.9	337.5	345.5	352.1	357.4	363.2	368.5	372.4	375.0	377.4	379.8
62.5°	366.1	378.1	387.3	396.0	404.7	413.0	417.8	421.5	424.2	426.5	429.2
60°	401.7	415.2	426.6	437.1	447.8	458.6	463.0	466.4	469.7	472.8	475.6
57.5°	433.3	447.7	461.5	471.9	482.1	492.2	499.1	502.9	505.4	506.8	508.0
55°	460.8	475.2	488.9	500.9	512.0	522.4	530.1	533.8	536.6	538.3	539.4
52.5°	485.4	500.8	515.5	528.8	540.8	552.0	561.6	566.7	570.9	573.8	574.8
50°	509.6	526.3	542.2	556.4	570.4	583.7	596.0	603.1	608.1	611.2	612.2
47.5°	534.9	553.0	570.2	586.7	602.5	618.4	632.9	642.6	649.8	655.1	658.9
45°	561.2	580.7	599.7	619.2	637.4	657.8	676.2	690.4	700.8	709.8	717.0
42.5°	587.6	609.6	631.5	656.5	681.4	704.6	726.5	745.2	762.3	779.0	792.1
40°	616.5	640.5	670.4	700.0	730.8	757.7	789.6	818.3	844.6	873.0	896.5
37.5°	647.9	678.8	714.2	749.7	789.7	828.4	873.1	917.1	955.3	1005.0	1044.9
35°	682.2	721.3	763.1	810.8	862.3	923.1	985.6	1058.9	1121.1	1200.1	1273.0
32.5°	720.4	766.3	820.6	886.2	955.7	1053.3	1144.9	1269.2	1375.4	1512.4	1662.1
30°	759.2	818.6	892.5	977.2	1094.7	1233.2	1394.7	1604.8	1832.1	2067.1	2383.6
27.5°	805.2	882.4	974.6	1105.3	1281.2	1473.0	1802.0	2157.2	2652.1	3043.9	3741.8
25°	854.8	950.3	1086.5	1276.0	1519.0	1907.1	2462.4	3105.6	4095.9	4976.7	5989.1
22.5°	913.6	1043.2	1223.6	1471.7	1895.4	2563.0	3429.9	4750.5	6218.6	7667.6	8991.9
20°	975.8	1132.4	1384.6	1788.7	2443.5	3408.9	4955.5	6842.6	8791.6	10777.4	12450.8
17.5°	1048.4	1261.1	1593.3	2130.0	3064.2	4717.0	6782.8	9182.4	11728.6	14262.5	16463.5
15°	1110.8	1373.5	1820.9	2624.8	4018.0	6085.3	8624.3	11654.8	14856.8	18145.3	21709.3
12.5°	1190.4	1509.1	2055.5	3033.9	4864.2	7551.2	10657.9	14176.4	18086.5	22452.8	28009.1
10°	1263.4	1651.3	2364.0	3689.4	5881.4	8920.5	12414.5	16406.4	21478.1	28039.5	34741.7
7.5°	1321.9	1764.0	2603.3	4200.9	6734.4	10090.3	13996.1	18782.2	25109.6	32922.7	40580.5
5°	1362.6	1842.1	2774.5	4587.4	7420.6	10984.3	15118.6	20533.6	28170.5	36919.8	44738.9
2.5°	1388.2	1884.9	2858.3	4816.8	7868.2	11522.3	15818.9	21646.7	30046.6	39464.3	47380.9
0°	1400.3	1892.3	2804.9	4928.5	7931.0	11484.3	15883.0	22018.3	30491.8	40155.3	48040.0
-2.5°	1388.2	1884.9	2858.3	4816.8	7868.2	11522.3	15818.9	21646.7	30046.6	39464.3	47380.9
-5°	1362.6	1842.1	2774.5	4587.4	7420.6	10984.3	15118.6	20533.6	28170.5	36919.8	44738.9
-7.5°	1321.9	1764.0	2603.3	4200.9	6734.4	10090.3	13996.1	18782.2	25109.6	32922.7	40580.5
-10°	1263.4	1651.3	2364.0	3689.4	5881.4	8920.5	12414.5	16406.4	21478.1	28039.5	34741.7
-12.5°	1190.4	1509.1	2055.5	3033.9	4864.2	7551.2	10657.9	14176.4	18086.5	22452.8	28009.1
-15°	1110.8	1373.5	1820.9	2624.8	4018.0	6085.3	8624.3	11654.8	14856.8	18145.3	21709.3
-17.5°	1048.4	1261.1	1593.3	2130.0	3064.2	4717.0	6782.8	9182.4	11728.6	14262.5	16463.5
-20°	975.8	1132.4	1384.6	1788.7	2443.5	3408.9	4955.5	6842.6	8791.6	10777.4	12450.8

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	913.6	1043.2	1223.6	1471.7	1895.4	2563.0	3429.9	4750.5	6218.6	7667.6	8991.9
-25°	854.8	950.3	1086.5	1276.0	1519.0	1907.1	2462.4	3105.6	4095.9	4976.7	5989.1
-27.5°	805.2	882.4	974.6	1105.3	1281.2	1473.0	1802.0	2157.2	2652.1	3043.9	3741.8
-30°	759.2	818.6	892.5	977.2	1094.7	1233.2	1394.7	1604.8	1832.1	2067.1	2383.6
-32.5°	720.4	766.3	820.6	886.2	955.7	1053.3	1144.9	1269.2	1375.4	1512.4	1662.1
-35°	682.2	721.3	763.1	810.8	862.3	923.1	985.6	1058.9	1121.1	1200.1	1273.0
-37.5°	647.9	678.8	714.2	749.7	789.7	828.4	873.1	917.1	955.3	1005.0	1044.9
-40°	616.5	640.5	670.4	700.0	730.8	757.7	789.6	818.3	844.6	873.0	896.5
-42.5°	587.6	609.6	631.5	656.5	681.4	704.6	726.5	745.2	762.3	779.0	792.1
-45°	561.2	580.7	599.7	619.2	637.4	657.8	676.2	690.4	700.8	709.8	717.0
-47.5°	534.9	553.0	570.2	586.7	602.5	618.4	632.9	642.6	649.8	655.1	658.9
-50°	509.6	526.3	542.2	556.4	570.4	583.7	596.0	603.1	608.1	611.2	612.2
-52.5°	485.4	500.8	515.5	528.8	540.8	552.0	561.6	566.7	570.9	573.8	574.8
-55°	460.8	475.2	488.9	500.9	512.0	522.4	530.1	533.8	536.6	538.3	539.4
-57.5°	433.3	447.7	461.5	471.9	482.1	492.2	499.1	502.9	505.4	506.8	508.0
-60°	401.7	415.2	426.6	437.1	447.8	458.6	463.0	466.4	469.7	472.8	475.6
-62.5°	366.1	378.1	387.3	396.0	404.7	413.0	417.8	421.5	424.2	426.5	429.2
-65°	326.9	337.5	345.5	352.1	357.4	363.2	368.5	372.4	375.0	377.4	379.8
-67.5°	285.2	295.6	303.4	309.7	314.8	319.2	323.3	326.4	328.4	330.4	332.5
-70°	244.3	254.0	262.4	269.5	275.1	279.4	282.7	285.4	287.4	288.8	289.6
-72.5°	204.8	213.0	220.6	227.7	233.9	238.3	241.4	243.9	245.7	247.1	247.8
-75°	167.2	174.4	180.8	186.7	192.1	196.0	198.6	200.6	201.9	203.3	204.4
-77.5°	130.1	135.8	141.0	145.9	150.5	154.0	156.9	159.3	161.1	162.2	163.0
-80°	95.5	100.2	104.5	108.4	111.8	114.3	116.5	118.5	120.4	121.3	121.7
-82.5°	65.8	68.7	71.7	74.7	77.6	78.6	79.4	79.9	80.3	81.4	82.4
-85°	38.3	39.9	41.5	42.9	44.2	44.5	44.6	44.5	44.3	44.9	45.4
-87.5°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	16.4	16.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.7	16.7	16.8	16.8	16.8	16.7	16.7	16.5	16.4	16.2	16.0
85°	45.8	46.1	46.2	46.3	46.2	46.1	45.8	45.4	44.9	44.3	44.5
82.5°	83.1	83.7	84.0	84.1	84.0	83.7	83.1	82.4	81.4	80.3	79.9
80°	121.7	121.4	121.9	122.0	121.9	121.4	121.7	121.7	121.3	120.4	118.5
77.5°	163.3	163.2	163.8	164.0	163.8	163.2	163.3	163.0	162.2	161.1	159.3
75°	205.0	205.2	205.9	206.1	205.9	205.2	205.0	204.4	203.3	201.9	200.6
72.5°	247.8	247.1	247.8	248.1	247.8	247.1	247.8	247.8	247.1	245.7	243.9
70°	289.7	289.1	291.8	294.4	291.8	289.1	289.7	289.6	288.8	287.4	285.4
67.5°	334.1	334.9	337.9	340.6	337.9	334.9	334.1	332.5	330.4	328.4	326.4
65°	381.1	381.2	384.1	386.9	384.1	381.2	381.1	379.8	377.4	375.0	372.4
62.5°	430.9	431.3	434.4	437.3	434.4	431.3	430.9	429.2	426.5	424.2	421.5
60°	477.2	477.7	478.8	479.4	478.8	477.7	477.2	475.6	472.8	469.7	466.4
57.5°	508.4	507.9	508.4	508.8	508.4	507.9	508.4	508.0	506.8	505.4	502.9
55°	539.2	537.9	536.2	534.1	536.2	537.9	539.2	539.4	538.3	536.6	533.8
52.5°	574.0	571.8	569.8	567.7	569.8	571.8	574.0	574.8	573.8	570.9	566.7
50°	611.6	609.6	607.6	605.5	607.6	609.6	611.6	612.2	611.2	608.1	603.1
47.5°	661.5	662.3	662.0	660.2	662.0	662.3	661.5	658.9	655.1	649.8	642.6
45°	722.2	724.6	724.9	723.3	724.9	724.6	722.2	717.0	709.8	700.8	690.4
42.5°	801.3	806.6	809.6	811.6	809.6	806.6	801.3	792.1	779.0	762.3	745.2
40°	913.5	924.4	931.3	937.8	931.3	924.4	913.5	896.5	873.0	844.6	818.3
37.5°	1074.5	1094.2	1103.0	1097.6	1103.0	1094.2	1074.5	1044.9	1005.0	955.3	917.1
35°	1329.1	1366.6	1386.1	1387.7	1386.1	1366.6	1329.1	1273.0	1200.1	1121.1	1058.9
32.5°	1772.8	1849.5	1890.8	1896.5	1890.8	1849.5	1772.8	1662.1	1512.4	1375.4	1269.2
30°	2625.9	2782.5	2856.0	2838.5	2856.0	2782.5	2625.9	2383.6	2067.1	1832.1	1604.8
27.5°	4284.2	4674.5	4905.8	4924.3	4905.8	4674.5	4284.2	3741.8	3043.9	2652.1	2157.2
25°	6885.7	7552.1	7978.7	7985.6	7978.7	7552.1	6885.7	5989.1	4976.7	4095.9	3105.6
22.5°	10216.5	11126.1	11624.4	11711.4	11624.4	11126.1	10216.5	8991.9	7667.6	6218.6	4750.5
20°	14075.4	15285.3	15932.7	15933.4	15932.7	15285.3	14075.4	12450.8	10777.4	8791.6	6842.6
17.5°	18827.7	20792.4	22025.7	22556.6	22025.7	20792.4	18827.7	16463.5	14262.5	11728.6	9182.4
15°	25141.2	28442.8	30421.2	30777.7	30421.2	28442.8	25141.2	21709.3	18145.3	14856.8	11654.8
12.5°	32828.7	37006.9	39815.5	40844.9	39815.5	37006.9	32828.7	28009.1	22452.8	18086.5	14176.4
10°	40855.1	44726.4	47735.3	48746.4	47735.3	44726.4	40855.1	34741.7	28039.5	21478.1	16406.4
7.5°	46653.5	51269.9	54659.2	56147.6	54659.2	51269.9	46653.5	40580.5	32922.7	25109.6	18782.2
5°	51230.7	56693.1	59848.2	61248.4	59848.2	56693.1	51230.7	44738.9	36919.8	28170.5	20533.6
2.5°	54234.0	59631.4	62972.4	64263.5	62972.4	59631.4	54234.0	47380.9	39464.3	30046.6	21646.7
0°	55357.0	60634.5	63935.5	65512.5	63935.5	60634.5	55357.0	48040.0	40155.3	30491.8	22018.3
-2.5°	54234.0	59631.4	62972.4	64263.5	62972.4	59631.4	54234.0	47380.9	39464.3	30046.6	21646.7
-5°	51230.7	56693.1	59848.2	61248.4	59848.2	56693.1	51230.7	44738.9	36919.8	28170.5	20533.6
-7.5°	46653.5	51269.9	54659.2	56147.6	54659.2	51269.9	46653.5	40580.5	32922.7	25109.6	18782.2
-10°	40855.1	44726.4	47735.3	48746.4	47735.3	44726.4	40855.1	34741.7	28039.5	21478.1	16406.4
-12.5°	32828.7	37006.9	39815.5	40844.9	39815.5	37006.9	32828.7	28009.1	22452.8	18086.5	14176.4
-15°	25141.2	28442.8	30421.2	30777.7	30421.2	28442.8	25141.2	21709.3	18145.3	14856.8	11654.8
-17.5°	18827.7	20792.4	22025.7	22556.6	22025.7	20792.4	18827.7	16463.5	14262.5	11728.6	9182.4
-20°	14075.4	15285.3	15932.7	15933.4	15932.7	15285.3	14075.4	12450.8	10777.4	8791.6	6842.6

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10216.5	11126.1	11624.4	11711.4	11624.4	11126.1	10216.5	8991.9	7667.6	6218.6	4750.5
-25°	6885.7	7552.1	7978.7	7985.6	7978.7	7552.1	6885.7	5989.1	4976.7	4095.9	3105.6
-27.5°	4284.2	4674.5	4905.8	4924.3	4905.8	4674.5	4284.2	3741.8	3043.9	2652.1	2157.2
-30°	2625.9	2782.5	2856.0	2838.5	2856.0	2782.5	2625.9	2383.6	2067.1	1832.1	1604.8
-32.5°	1772.8	1849.5	1890.8	1896.5	1890.8	1849.5	1772.8	1662.1	1512.4	1375.4	1269.2
-35°	1329.1	1366.6	1386.1	1387.7	1386.1	1366.6	1329.1	1273.0	1200.1	1121.1	1058.9
-37.5°	1074.5	1094.2	1103.0	1097.6	1103.0	1094.2	1074.5	1044.9	1005.0	955.3	917.1
-40°	913.5	924.4	931.3	937.8	931.3	924.4	913.5	896.5	873.0	844.6	818.3
-42.5°	801.3	806.6	809.6	811.6	809.6	806.6	801.3	792.1	779.0	762.3	745.2
-45°	722.2	724.6	724.9	723.3	724.9	724.6	722.2	717.0	709.8	700.8	690.4
-47.5°	661.5	662.3	662.0	660.2	662.0	662.3	661.5	658.9	655.1	649.8	642.6
-50°	611.6	609.6	607.6	605.5	607.6	609.6	611.6	612.2	611.2	608.1	603.1
-52.5°	574.0	571.8	569.8	567.7	569.8	571.8	574.0	574.8	573.8	570.9	566.7
-55°	539.2	537.9	536.2	534.1	536.2	537.9	539.2	539.4	538.3	536.6	533.8
-57.5°	508.4	507.9	508.4	508.8	508.4	507.9	508.4	508.0	506.8	505.4	502.9
-60°	477.2	477.7	478.8	479.4	478.8	477.7	477.2	475.6	472.8	469.7	466.4
-62.5°	430.9	431.3	434.4	437.3	434.4	431.3	430.9	429.2	426.5	424.2	421.5
-65°	381.1	381.2	384.1	386.9	384.1	381.2	381.1	379.8	377.4	375.0	372.4
-67.5°	334.1	334.9	337.9	340.6	337.9	334.9	334.1	332.5	330.4	328.4	326.4
-70°	289.7	289.1	291.8	294.4	291.8	289.1	289.7	289.6	288.8	287.4	285.4
-72.5°	247.8	247.1	247.8	248.1	247.8	247.1	247.8	247.8	247.1	245.7	243.9
-75°	205.0	205.2	205.9	206.1	205.9	205.2	205.0	204.4	203.3	201.9	200.6
-77.5°	163.3	163.2	163.8	164.0	163.8	163.2	163.3	163.0	162.2	161.1	159.3
-80°	121.7	121.4	121.9	122.0	121.9	121.4	121.7	121.7	121.3	120.4	118.5
-82.5°	83.1	83.7	84.0	84.1	84.0	83.7	83.1	82.4	81.4	80.3	79.9
-85°	45.8	46.1	46.2	46.3	46.2	46.1	45.8	45.4	44.9	44.3	44.5
-87.5°	16.7	16.7	16.8	16.8	16.8	16.7	16.7	16.5	16.4	16.2	16.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
85°	44.6	44.5	44.2	42.9	41.5	39.9	38.3	36.5	34.7	32.8	30.7
82.5°	79.4	78.6	77.6	74.7	71.7	68.7	65.8	63.2	60.4	57.5	54.5
80°	116.5	114.3	111.8	108.4	104.5	100.2	95.5	91.1	86.5	82.2	78.1
77.5°	156.9	154.0	150.5	145.9	141.0	135.8	130.1	124.3	118.5	112.4	106.1
75°	198.6	196.0	192.1	186.7	180.8	174.4	167.2	159.3	151.3	143.3	135.5
72.5°	241.4	238.3	233.9	227.7	220.6	213.0	204.8	195.7	185.8	174.9	165.0
70°	282.7	279.4	275.1	269.5	262.4	254.0	244.3	233.7	222.5	210.8	198.7
67.5°	323.3	319.2	314.8	309.7	303.4	295.6	285.2	272.9	260.0	246.7	232.8
65°	368.5	363.2	357.4	352.1	345.5	337.5	326.9	315.0	300.8	284.5	266.8
62.5°	417.8	413.0	404.7	396.0	387.3	378.1	366.1	353.1	340.1	325.0	304.0
60°	463.0	458.6	447.8	437.1	426.6	415.2	401.7	388.0	374.3	357.7	338.6
57.5°	499.1	492.2	482.1	471.9	461.5	447.7	433.3	419.6	404.6	388.7	370.9
55°	530.1	522.4	512.0	500.9	488.9	475.2	460.8	445.5	431.1	417.9	399.6
52.5°	561.6	552.0	540.8	528.8	515.5	500.8	485.4	469.3	455.3	441.7	426.3
50°	596.0	583.7	570.4	556.4	542.2	526.3	509.6	492.5	479.1	464.9	449.5
47.5°	632.9	618.4	602.5	586.7	570.2	553.0	534.9	516.5	501.7	487.1	471.2
45°	676.2	657.8	637.4	619.2	599.7	580.7	561.2	542.2	523.5	507.1	491.8
42.5°	726.5	704.6	681.4	656.5	631.5	609.6	587.6	567.2	546.4	526.7	508.9
40°	789.6	757.7	730.8	700.0	670.4	640.5	616.5	591.8	569.2	546.8	526.4
37.5°	873.1	828.4	789.7	749.7	714.2	678.8	647.9	619.9	591.8	567.7	544.8
35°	985.6	923.1	862.3	810.8	763.1	721.3	682.2	649.3	618.3	588.9	563.3
32.5°	1144.9	1053.3	955.7	886.2	820.6	766.3	720.4	679.5	644.1	611.7	582.3
30°	1394.7	1233.2	1094.7	977.2	892.5	818.6	759.2	711.2	669.6	633.6	600.9
27.5°	1802.0	1473.0	1281.2	1105.3	974.6	882.4	805.2	742.6	694.4	655.0	619.3
25°	2462.4	1907.1	1519.0	1276.0	1086.5	950.3	854.8	780.3	721.2	674.3	632.4
22.5°	3429.9	2563.0	1895.4	1471.7	1223.6	1043.2	913.6	817.4	745.2	690.9	645.3
20°	4955.5	3408.9	2443.5	1788.7	1384.6	1132.4	975.8	860.9	774.6	708.8	656.7
17.5°	6782.8	4717.0	3064.2	2130.0	1593.3	1261.1	1048.4	902.7	800.5	724.9	666.3
15°	8624.3	6085.3	4018.0	2624.8	1820.9	1373.5	1110.8	938.8	825.9	742.6	678.4
12.5°	10657.9	7551.2	4864.2	3033.9	2055.5	1509.1	1190.4	987.5	853.7	760.3	690.1
10°	12414.5	8920.5	5881.4	3689.4	2364.0	1651.3	1263.4	1029.1	876.8	774.5	699.2
7.5°	13996.1	10090.3	6734.4	4200.9	2603.3	1764.0	1321.9	1062.4	894.2	785.0	705.7
5°	15118.6	10984.3	7420.6	4587.4	2774.5	1842.1	1362.6	1085.9	905.7	791.6	709.4
2.5°	15818.9	11522.3	7868.2	4816.8	2858.3	1884.9	1388.2	1099.2	915.3	798.8	711.5
0°	15883.0	11484.3	7931.0	4928.5	2804.9	1892.3	1400.3	1101.8	920.9	803.2	710.7
-2.5°	15818.9	11522.3	7868.2	4816.8	2858.3	1884.9	1388.2	1099.2	915.3	798.8	711.5
-5°	15118.6	10984.3	7420.6	4587.4	2774.5	1842.1	1362.6	1085.9	905.7	791.6	709.4
-7.5°	13996.1	10090.3	6734.4	4200.9	2603.3	1764.0	1321.9	1062.4	894.2	785.0	705.7
-10°	12414.5	8920.5	5881.4	3689.4	2364.0	1651.3	1263.4	1029.1	876.8	774.5	699.2
-12.5°	10657.9	7551.2	4864.2	3033.9	2055.5	1509.1	1190.4	987.5	853.7	760.3	690.1
-15°	8624.3	6085.3	4018.0	2624.8	1820.9	1373.5	1110.8	938.8	825.9	742.6	678.4
-17.5°	6782.8	4717.0	3064.2	2130.0	1593.3	1261.1	1048.4	902.7	800.5	724.9	666.3
-20°	4955.5	3408.9	2443.5	1788.7	1384.6	1132.4	975.8	860.9	774.6	708.8	656.7

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3429.9	2563.0	1895.4	1471.7	1223.6	1043.2	913.6	817.4	745.2	690.9	645.3
-25°	2462.4	1907.1	1519.0	1276.0	1086.5	950.3	854.8	780.3	721.2	674.3	632.4
-27.5°	1802.0	1473.0	1281.2	1105.3	974.6	882.4	805.2	742.6	694.4	655.0	619.3
-30°	1394.7	1233.2	1094.7	977.2	892.5	818.6	759.2	711.2	669.6	633.6	600.9
-32.5°	1144.9	1053.3	955.7	886.2	820.6	766.3	720.4	679.5	644.1	611.7	582.3
-35°	985.6	923.1	862.3	810.8	763.1	721.3	682.2	649.3	618.3	588.9	563.3
-37.5°	873.1	828.4	789.7	749.7	714.2	678.8	647.9	619.9	591.8	567.7	544.8
-40°	789.6	757.7	730.8	700.0	670.4	640.5	616.5	591.8	569.2	546.8	526.4
-42.5°	726.5	704.6	681.4	656.5	631.5	609.6	587.6	567.2	546.4	526.7	508.9
-45°	676.2	657.8	637.4	619.2	599.7	580.7	561.2	542.2	523.5	507.1	491.8
-47.5°	632.9	618.4	602.5	586.7	570.2	553.0	534.9	516.5	501.7	487.1	471.2
-50°	596.0	583.7	570.4	556.4	542.2	526.3	509.6	492.5	479.1	464.9	449.5
-52.5°	561.6	552.0	540.8	528.8	515.5	500.8	485.4	469.3	455.3	441.7	426.3
-55°	530.1	522.4	512.0	500.9	488.9	475.2	460.8	445.5	431.1	417.9	399.6
-57.5°	499.1	492.2	482.1	471.9	461.5	447.7	433.3	419.6	404.6	388.7	370.9
-60°	463.0	458.6	447.8	437.1	426.6	415.2	401.7	388.0	374.3	357.7	338.6
-62.5°	417.8	413.0	404.7	396.0	387.3	378.1	366.1	353.1	340.1	325.0	304.0
-65°	368.5	363.2	357.4	352.1	345.5	337.5	326.9	315.0	300.8	284.5	266.8
-67.5°	323.3	319.2	314.8	309.7	303.4	295.6	285.2	272.9	260.0	246.7	232.8
-70°	282.7	279.4	275.1	269.5	262.4	254.0	244.3	233.7	222.5	210.8	198.7
-72.5°	241.4	238.3	233.9	227.7	220.6	213.0	204.8	195.7	185.8	174.9	165.0
-75°	198.6	196.0	192.1	186.7	180.8	174.4	167.2	159.3	151.3	143.3	135.5
-77.5°	156.9	154.0	150.5	145.9	141.0	135.8	130.1	124.3	118.5	112.4	106.1
-80°	116.5	114.3	111.8	108.4	104.5	100.2	95.5	91.1	86.5	82.2	78.1
-82.5°	79.4	78.6	77.6	74.7	71.7	68.7	65.8	63.2	60.4	57.5	54.5
-85°	44.6	44.5	44.2	42.9	41.5	39.9	38.3	36.5	34.7	32.8	30.7
-87.5°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	5.1
85°	28.6	26.4	24.1	21.7	19.3	16.8	15.5	14.2	12.8	11.5	10.1
82.5°	51.3	48.0	44.5	41.0	37.3	33.5	29.7	25.7	21.5	17.5	15.1
80°	73.8	69.4	64.9	60.2	55.4	50.2	45.1	39.7	33.8	28.2	22.8
77.5°	99.4	92.5	85.3	79.4	73.9	67.9	61.4	54.0	46.0	38.7	31.8
75°	127.4	119.1	110.5	102.0	93.8	85.6	78.1	69.5	59.5	49.3	40.6
72.5°	156.2	146.7	136.2	125.6	115.9	106.0	95.8	84.9	73.4	61.7	49.9
70°	186.7	174.8	163.2	151.2	138.8	126.4	114.6	101.4	87.1	73.9	60.6
67.5°	218.4	204.3	190.3	176.6	162.6	148.2	133.4	118.0	102.1	86.0	71.1
65°	250.7	234.1	217.1	201.8	186.1	169.9	153.4	134.8	116.9	99.1	81.5
62.5°	283.7	264.4	245.6	227.1	209.3	191.4	172.9	152.0	131.5	112.0	92.5
60°	317.0	294.7	273.5	252.8	232.4	212.6	191.7	168.7	146.3	124.7	103.5
57.5°	348.8	324.3	300.1	277.5	255.4	233.4	210.0	185.2	160.7	137.2	114.3
55°	379.7	354.7	326.3	300.6	277.1	253.6	227.8	201.5	174.7	149.3	124.8
52.5°	407.0	382.0	352.7	323.3	296.9	272.3	244.7	217.3	188.9	160.9	135.0
50°	431.7	406.4	376.9	345.9	315.9	288.7	260.8	231.8	202.6	172.4	144.8
47.5°	453.0	428.8	399.7	367.2	335.1	304.4	275.5	245.6	215.9	184.1	154.3
45°	472.3	450.3	421.5	388.2	353.0	320.4	289.3	258.6	227.5	195.5	163.4
42.5°	490.3	469.0	442.6	408.6	371.2	335.7	302.5	270.7	238.5	206.3	172.5
40°	506.6	485.3	462.4	427.8	388.4	350.0	315.4	282.0	248.8	216.1	181.4
37.5°	522.7	500.7	476.9	445.6	404.6	364.7	327.5	292.8	258.7	224.9	189.7
35°	539.3	515.6	489.7	459.7	420.0	378.2	338.6	302.9	268.1	233.1	197.4
32.5°	555.2	529.1	501.4	471.6	434.3	390.5	349.5	312.6	276.8	240.9	204.5
30°	570.8	540.2	511.8	483.7	446.9	402.5	360.1	321.7	285.0	248.0	211.0
27.5°	582.7	549.8	521.0	493.2	457.4	413.6	370.4	330.1	292.5	254.6	216.7
25°	593.4	559.1	528.9	500.7	467.8	425.1	379.9	337.8	299.3	260.6	222.0
22.5°	604.1	567.1	535.5	507.1	477.6	435.4	388.8	345.4	305.4	266.1	226.7
20°	613.3	573.6	540.9	513.0	484.2	443.5	397.2	352.3	310.8	270.9	230.8
17.5°	621.2	580.2	546.6	517.9	488.7	450.3	404.5	358.2	315.6	275.0	234.4
15°	629.2	587.1	551.4	521.6	492.6	455.9	410.7	363.3	319.6	278.6	237.8
12.5°	636.1	592.1	555.2	524.3	495.8	460.2	415.9	367.4	322.9	281.9	240.9
10°	641.4	595.5	557.8	526.0	498.4	463.4	419.9	371.3	326.8	284.9	243.5
7.5°	645.2	597.1	559.4	526.7	500.2	466.2	423.9	375.5	330.3	287.2	245.5
5°	647.7	597.9	560.3	528.3	501.3	468.9	426.7	378.9	333.1	288.9	246.9
2.5°	650.7	598.2	560.4	529.5	501.3	470.5	428.4	381.3	335.1	289.9	247.8
0°	651.8	597.1	559.3	529.9	500.4	471.0	428.9	382.7	336.4	290.2	248.1
-2.5°	650.7	598.2	560.4	529.5	501.3	470.5	428.4	381.3	335.1	289.9	247.8
-5°	647.7	597.9	560.3	528.3	501.3	468.9	426.7	378.9	333.1	288.9	246.9
-7.5°	645.2	597.1	559.4	526.7	500.2	466.2	423.9	375.5	330.3	287.2	245.5
-10°	641.4	595.5	557.8	526.0	498.4	463.4	419.9	371.3	326.8	284.9	243.5
-12.5°	636.1	592.1	555.2	524.3	495.8	460.2	415.9	367.4	322.9	281.9	240.9
-15°	629.2	587.1	551.4	521.6	492.6	455.9	410.7	363.3	319.6	278.6	237.8
-17.5°	621.2	580.2	546.6	517.9	488.7	450.3	404.5	358.2	315.6	275.0	234.4
-20°	613.3	573.6	540.9	513.0	484.2	443.5	397.2	352.3	310.8	270.9	230.8

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	604.1	567.1	535.5	507.1	477.6	435.4	388.8	345.4	305.4	266.1	226.7
-25°	593.4	559.1	528.9	500.7	467.8	425.1	379.9	337.8	299.3	260.6	222.0
-27.5°	582.7	549.8	521.0	493.2	457.4	413.6	370.4	330.1	292.5	254.6	216.7
-30°	570.8	540.2	511.8	483.7	446.9	402.5	360.1	321.7	285.0	248.0	211.0
-32.5°	555.2	529.1	501.4	471.6	434.3	390.5	349.5	312.6	276.8	240.9	204.5
-35°	539.3	515.6	489.7	459.7	420.0	378.2	338.6	302.9	268.1	233.1	197.4
-37.5°	522.7	500.7	476.9	445.6	404.6	364.7	327.5	292.8	258.7	224.9	189.7
-40°	506.6	485.3	462.4	427.8	388.4	350.0	315.4	282.0	248.8	216.1	181.4
-42.5°	490.3	469.0	442.6	408.6	371.2	335.7	302.5	270.7	238.5	206.3	172.5
-45°	472.3	450.3	421.5	388.2	353.0	320.4	289.3	258.6	227.5	195.5	163.4
-47.5°	453.0	428.8	399.7	367.2	335.1	304.4	275.5	245.6	215.9	184.1	154.3
-50°	431.7	406.4	376.9	345.9	315.9	288.7	260.8	231.8	202.6	172.4	144.8
-52.5°	407.0	382.0	352.7	323.3	296.9	272.3	244.7	217.3	188.9	160.9	135.0
-55°	379.7	354.7	326.3	300.6	277.1	253.6	227.8	201.5	174.7	149.3	124.8
-57.5°	348.8	324.3	300.1	277.5	255.4	233.4	210.0	185.2	160.7	137.2	114.3
-60°	317.0	294.7	273.5	252.8	232.4	212.6	191.7	168.7	146.3	124.7	103.5
-62.5°	283.7	264.4	245.6	227.1	209.3	191.4	172.9	152.0	131.5	112.0	92.5
-65°	250.7	234.1	217.1	201.8	186.1	169.9	153.4	134.8	116.9	99.1	81.5
-67.5°	218.4	204.3	190.3	176.6	162.6	148.2	133.4	118.0	102.1	86.0	71.1
-70°	186.7	174.8	163.2	151.2	138.8	126.4	114.6	101.4	87.1	73.9	60.6
-72.5°	156.2	146.7	136.2	125.6	115.9	106.0	95.8	84.9	73.4	61.7	49.9
-75°	127.4	119.1	110.5	102.0	93.8	85.6	78.1	69.5	59.5	49.3	40.6
-77.5°	99.4	92.5	85.3	79.4	73.9	67.9	61.4	54.0	46.0	38.7	31.8
-80°	73.8	69.4	64.9	60.2	55.4	50.2	45.1	39.7	33.8	28.2	22.8
-82.5°	51.3	48.0	44.5	41.0	37.3	33.5	29.7	25.7	21.5	17.5	15.1
-85°	28.6	26.4	24.1	21.7	19.3	16.8	15.5	14.2	12.8	11.5	10.1
-87.5°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
85°	8.7	7.3	5.8	4.4	2.9	1.5	0.0
82.5°	13.0	10.9	8.7	6.6	4.4	2.2	0.0
80°	17.7	14.5	11.6	8.7	5.8	2.9	0.0
77.5°	25.2	19.0	14.5	10.9	7.3	3.6	0.0
75°	32.6	25.2	17.7	13.0	8.7	4.3	0.0
72.5°	40.0	31.3	22.6	15.1	10.1	5.1	0.0
70°	47.5	37.4	27.5	17.5	11.5	5.7	0.0
67.5°	56.6	43.4	32.3	21.1	12.8	6.4	0.0
65°	65.6	50.1	37.0	24.6	14.2	7.1	0.0
62.5°	74.5	57.4	41.6	28.1	15.5	7.8	0.0
60°	83.1	64.6	46.1	31.5	16.8	8.4	0.0
57.5°	92.2	71.7	51.6	34.8	19.0	9.0	0.0
55°	101.1	78.5	57.1	38.0	21.1	9.6	0.0
52.5°	109.7	85.2	62.4	41.1	23.2	10.2	0.0
50°	117.9	92.0	67.6	44.1	25.2	10.8	0.0
47.5°	125.8	98.5	72.6	47.2	27.1	11.3	0.0
45°	133.6	104.7	77.3	50.8	29.0	11.9	0.0
42.5°	141.0	110.6	81.9	54.2	30.8	12.4	0.0
40°	148.1	116.2	86.3	57.4	32.5	12.9	0.0
37.5°	154.9	121.4	90.5	60.4	34.1	13.3	0.0
35°	161.2	126.5	94.5	63.2	35.6	13.8	0.0
32.5°	167.2	131.5	98.1	65.8	37.0	14.2	0.0
30°	172.9	136.1	101.5	68.2	38.4	14.5	0.0
27.5°	178.1	140.3	104.6	70.4	39.6	14.9	0.0
25°	182.8	144.2	107.4	72.3	40.8	15.2	0.0
22.5°	187.0	147.7	110.1	74.1	41.8	15.5	0.0
20°	190.7	150.8	112.5	75.6	42.7	15.8	0.0
17.5°	194.1	153.4	114.6	76.8	43.6	16.0	0.0
15°	197.1	155.5	116.5	77.9	44.3	16.2	0.0
12.5°	199.8	157.3	118.1	78.8	44.9	16.4	0.0
10°	202.0	158.6	119.5	79.4	45.4	16.5	0.0
7.5°	203.8	159.5	120.6	79.8	45.8	16.7	0.0
5°	205.0	160.0	121.4	80.1	46.1	16.7	0.0
2.5°	205.8	160.1	121.8	80.1	46.2	16.8	0.0
0°	206.1	159.8	122.0	79.9	46.3	16.8	0.0
-2.5°	205.8	160.1	121.8	80.1	46.2	16.8	0.0
-5°	205.0	160.0	121.4	80.1	46.1	16.7	0.0
-7.5°	203.8	159.5	120.6	79.8	45.8	16.7	0.0
-10°	202.0	158.6	119.5	79.4	45.4	16.5	0.0
-12.5°	199.8	157.3	118.1	78.8	44.9	16.4	0.0
-15°	197.1	155.5	116.5	77.9	44.3	16.2	0.0
-17.5°	194.1	153.4	114.6	76.8	43.6	16.0	0.0
-20°	190.7	150.8	112.5	75.6	42.7	15.8	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627345 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.0	147.7	110.1	74.1	41.8	15.5	0.0
-25°	182.8	144.2	107.4	72.3	40.8	15.2	0.0
-27.5°	178.1	140.3	104.6	70.4	39.6	14.9	0.0
-30°	172.9	136.1	101.5	68.2	38.4	14.5	0.0
-32.5°	167.2	131.5	98.1	65.8	37.0	14.2	0.0
-35°	161.2	126.5	94.5	63.2	35.6	13.8	0.0
-37.5°	154.9	121.4	90.5	60.4	34.1	13.3	0.0
-40°	148.1	116.2	86.3	57.4	32.5	12.9	0.0
-42.5°	141.0	110.6	81.9	54.2	30.8	12.4	0.0
-45°	133.6	104.7	77.3	50.8	29.0	11.9	0.0
-47.5°	125.8	98.5	72.6	47.2	27.1	11.3	0.0
-50°	117.9	92.0	67.6	44.1	25.2	10.8	0.0
-52.5°	109.7	85.2	62.4	41.1	23.2	10.2	0.0
-55°	101.1	78.5	57.1	38.0	21.1	9.6	0.0
-57.5°	92.2	71.7	51.6	34.8	19.0	9.0	0.0
-60°	83.1	64.6	46.1	31.5	16.8	8.4	0.0
-62.5°	74.5	57.4	41.6	28.1	15.5	7.8	0.0
-65°	65.6	50.1	37.0	24.6	14.2	7.1	0.0
-67.5°	56.6	43.4	32.3	21.1	12.8	6.4	0.0
-70°	47.5	37.4	27.5	17.5	11.5	5.7	0.0
-72.5°	40.0	31.3	22.6	15.1	10.1	5.1	0.0
-75°	32.6	25.2	17.7	13.0	8.7	4.3	0.0
-77.5°	25.2	19.0	14.5	10.9	7.3	3.6	0.0
-80°	17.7	14.5	11.6	8.7	5.8	2.9	0.0
-82.5°	13.0	10.9	8.7	6.6	4.4	2.2	0.0
-85°	8.7	7.3	5.8	4.4	2.9	1.5	0.0
-87.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)